



VIENNA SYMPHONIC LIBRARY

Vienna Instruments Special Brass

Cornet
Alto Trombone
Euphonium
Fanfare Trumpets (6 players)

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Introduction

Welcome to the Vienna Symphonic Library's Special Brass. This document contains the mapping information for this Vienna Instruments Collection. You will find in it a comprehensive survey of the articulations/Patches for the Collection's Standard and Extended contents, a listing of abbreviations, and the mapping list proper which gives details for every Patch, Matrix, and Preset.

Patch information

The Patch information includes articulation type, playing range, number of samples used, RAM requirements, the number of velocity layers and alternations, AB switching possibilities, etc., as well as Patch specific information if necessary.

The velocity layer switches generally are the same for patches with the same number of layers but may occasionally be adapted to the instrument's requirements. The Patch information also lists the velocity layers in detail.

Interval performances

Interval performances are one of the outstanding features of our Vienna Instruments Collections. They allow you to play authentic legato without any programming tricks. In our Silent Stage, all intervals from minor second to the octave were recorded for every instrument – up and down, of course; that makes 24 interval samples per note for one velocity alone! When you load an interval performance Patch and play a line on your keyboard, the software automatically joins the right samples with their interval transitions again, and you hear a perfect legato. By the way, this technique is also used for other articulations like the strings' portamento (which are also included in the Special Edition), marcato, or détaché and spiccato.

The interval performances also contain two legato repetitions for every note which alternate automatically whenever you strike a key more than once. There also are preconfigured thresholds for legato and repetition notes: The legato threshold – i.e., the maximum break between notes where legato is played – is 50 ms. Otherwise, a sustained starting note will sound so that you can easily start a new phrase without leaving the legato Patch. For note repetitions, the threshold is 200 ms: a break up to that duration will yield a legato repetition; if the break is longer, a new starting note. But naturally, it's mingling legato with other articulations which makes a piece really come alive.

Due to their nature, all interval performances are monophonic; otherwise, the software would have to be able to decide which source note belongs to which target note. To circumvent this, you can open two VI instances of the same instrument on separate MIDI tracks without any additional strain on your RAM.

A variety of interval performance you will also find in your Collection are "perf-leg_sus" Patches. These are normal legatos, too, only the target note of each interval is crossfaded into a looped sustain. They can be used for slower pieces with long notes; however, you should use them with circumspection, since plain legatos sound more lively because they not only render the interval transitions as they were played, but also have different target samples for every interval instead of the same sustained note: When you play, e.g., c–e and then c#–e with normal legato, you will get two different "e" tones; with sus-legato you won't.

Multi interval performances are a special kind of interval performance which combines legatos and repetitions. They are used for performance trills, but also for very fast legato phrases. The trills for this Collection were recorded for minor and major 2nd, with 6 repetitions each (which explains why they all have so many samples), so that the trill won't get boring after just four notes ... The other intervals up to the octave are fast legatos, so that you can play them like other interval performances.

Repetition performances

Unlike our fast repetitions, which only can be played at the speed they were recorded at and have a fixed number of 9 repeated notes, repetition performances allow you to cover a wide area of speeds from slow legato to very fast staccato. Like the legatos, the repetitions were recorded in one go and then cut up into discreet samples. The Vienna Instrument joins them again when you play, so that you have an unlimited supply of repetitions. Dynamics repetitions, however, are still limited in number (legatos and some portatos 5, other portatos and staccatos 9) since you cannot get louder or softer endlessly ...

Matrix information

Each Matrix listing contains information regarding the Patches used for the Matrix, the number of horizontal and vertical dimensions, and switching properties. A mapping table shows the Cell positions for each of the Matrix' Patches.

A/B switching normally is set to A0 for upward/crescendo, and B0 for downward/diminuendo. However, some bass instruments go below that range so that the A/B keys have to be adapted accordingly.

In order to facilitate working with **MIDI controller switches** like the Modulation wheel, the switching positions are not distributed equally across the controller range if they control more than two Matrix rows or columns; generally, the switching range will be narrower at the extreme positions because they are easy to set, and wider in the middle where it is harder to find the desired setting.

Speed controller switches naturally are adjusted to the Patches involved, and have been tested carefully as to their playability. However, if you find that they do not fit your playing, or want to try out other settings, you can change this as well as any other controller's settings at the **Control edit** page, and save the result in your Custom Matrix folder.

Preset information

The Preset information lists the Matrices used in the Preset as well as its keyswitches. All other information can be gathered from the Matrix and Patch listings, so there's not really much to say here. Please note that the Matrices of a Preset can also be switched with MIDI Program Changes 101–112 instead of keyboard notes.

Articulations

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
53 Cornet		
01 SHORT + LONG NOTES	Staccato Portato short Sustained with and without vibrato	Portato medium and long Sustained with progressive vibrato
02 DYNAMICS	Fortepiano and sforzato, with vibrato	Medium dynamics with vibrato, 1.5/2/3/4 sec. Strong dynamics without vibrato, 1.5/2/3/4 sec. Crescendo-diminuendo with vibrato, 2/4/6 sec. Crescendo-diminuendo without vibrato, 2/3/4/6 sec. Sforzatissimo with vibrato
03 FLATTER	Flutter tonguing, normal and crescendo	
10 PERF INTERVAL	Legato	Marcato Portamento
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor to major 2nd
13 PERF REPETITION		Legato Portato Staccato Normal and dynamics
14 FAST REPETITION		Staccato, 120 to 180 BPM Normal and dynamics
15 UPBEAT REPETITION		1, 2, and 3 upbeats, 80-140, 160, 180, and 200 BPM

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
56 Alto trombone		
01 SHORT + LONG NOTES	Staccato Portato short Sustained	Portato medium Portato long, marcato and soft
02 DYNAMICS	Fortepiano and sforzato	Medium dynamics, 1.5/2/3/4/6 sec. Strong dynamics, 2/3/4/6 sec. Crescendo-diminuendo, 2/3/4/6/8 sec. Sforzatissimo
03 FLATTER	Flutter tonguing, normal and crescendo	
10 PERF INTERVAL	Legato	Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor to major 2nd
13 PERF REPETITION		Legato Portato Staccato Normal and dynamics
14 FAST REPETITION		Staccato, 120 to 180 BPM Normal and dynamics
15 UPBEAT REPETITION		1, 2, and 3 upbeats, 80-140, 160, 180, and 200 BPM
16 GLISSANDI		Performance glissandos, fast and slow, minor 2nd to diminished 5th Fixed glissandos, fast and slow, minor 2nd/3rd to diminished 5th, up and down
59 Euphonium		
01 SHORT + LONG NOTES	Staccato Portato short Sustained	Portato medium Portato long, marcato and soft
02 DYNAMICS	Fortepiano and sforzato	Medium dynamics, 1.5/2/3/5 sec. Strong dynamics, 2/3/5 sec. Crescendo-diminuendo, 2/3/4/6/8 sec. Sforzatissimo
03 FLATTER	Flutter tonguing, normal and crescendo	
10 PERF INTERVAL	Legato	Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor to major 2nd
13 PERF REPETITION		Legato Portato Staccato Normal and dynamics
14 FAST REPETITION		Staccato, 120 to 180 BPM Normal and dynamics
15 UPBEAT REPETITION		1, 2, and 3 upbeats, 80-140, 160, 180, and 200 BPM

Instrument/Group	Level 1 (Standard) content	Level 2 (Extended) content
63 Trumpets - a6		
01 SHORT + LONG NOTES	Staccato Portato short Sustained	Portato medium
02 DYNAMICS	Fortepiano and sforzato	Medium dynamics, 1.5/2/3/4/5 sec. Strong dynamics, 2/3/4/5 sec. Crescendo-diminuendo, 2/3/4/6/8/10 sec. Sforzatissimo
03 FLATTER	Flutter tonguing, normal and crescendo	
10 PERF INTERVAL	Legato	Marcato
11 PERF INTERVAL FAST	Legato	Marcato
12 PERF TRILL		Trills, legato, minor to major 2nd
13 PERF REPETITION		Legato Portato Staccato Portato and staccato dynamics
14 FAST REPETITION		Staccato, 120 to 180 BPM Normal and dynamics
15 UPBEAT REPETITION		1, 2, and 3 upbeats, 80-140, 160, and 180 BPM

Abbreviations

Instruments

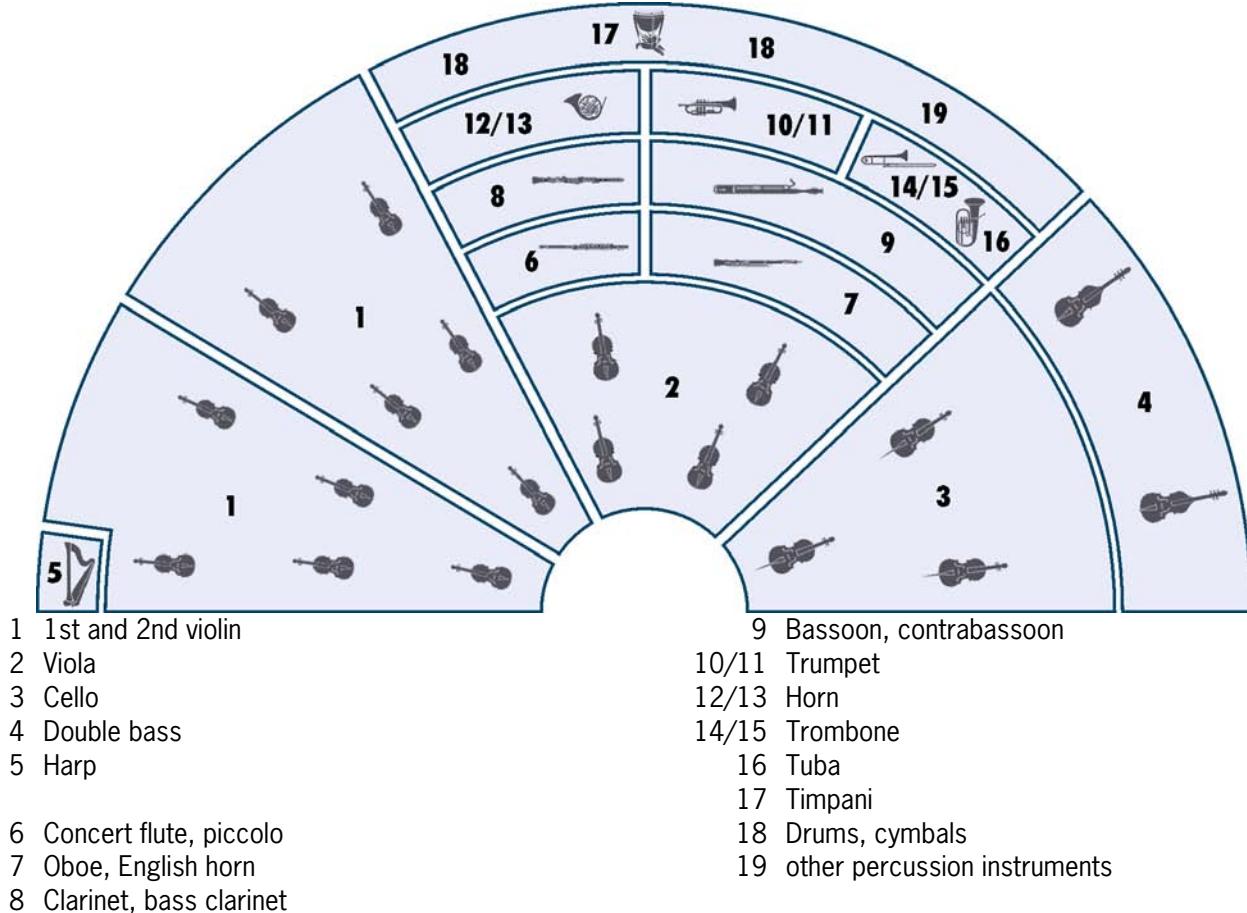
Abbreviation	English	German
ATB	Alto Trombone	Altposaune
CO	Cornet	Kornett
EU	Euphonium	Euphonium
Tr	Trumpet	Trompete
Tr-6	Trumpet ensemble (6 players)	

Articulations and other abbreviations

Abbreviation	Meaning	Abbreviation	Meaning
150, 160, ...	150, 160, ... BPM (beats per minute)	marc	marcato
1s, 2s, ...	1 sec., 2.sec. ... duration	me	medium
all	combination of all Patches of a category	noVib	without vibrato
cre	crescendo	perf-rep	repetition performance
cre5, cre9	crescendo, 5/9 repetitions	por	portato
dim	diminuendo	RS	release sample
dim5, dim9	diminuendo, 5/9 repetitions	sl	slow
dyn	dynamics (crescendo and diminuendo)	soft	soft attack
dyn5, dyn9	dynamics, 5/9 repetitions	sta, stac	staccato
fa	fast	str	strong
fast-rep	fast repetitions	sus	sustained
flatter	flutter tonguing	Vib	with (medium) vibrato
leg	legato	Vib-prog	progressive vibrato
		XF	cell crossfade Matrix

The orchestra

There are several ways of setting up an orchestra, depending on the era of the piece played, the type of the piece and the instruments it requires, and even on the preference of the conductor. The figure below shows one of the more common setups, which can be taken as a guideline for mixing a composition, properly positioning the instruments in the stereo field and adding reverb according to the size of the concert hall you want your piece to be played in.



Pitch

For designating pitch, the Vienna Symphonic Library uses International Pitch Notation (IPN), which was agreed upon internationally under the auspices of the Acoustical Society of America. In this system the international standard of A=440 Hz is called A4 and middle C is C4. All pitches are written as capital letters, their respective octave being indicated by a number next to it. The lowest C on the piano is C1 (the A below that is A0), etc.

You can tune your Vienna Instruments to other players, or adjust it to tunings of earlier musical periods by setting the Perform page's Master Tune option within a range of 420 to 460 Hz.

53 Cornet

Patches

01 SHORT + LONG NOTES

Range: E3–D6



Single notes

Level 1: Staccato

Portato short

Sustained with and without vibrato

Level 2: Portato medium and long

Sustained with progressive vibrato

01 CO_staccato

Samples: 264

RAM: 16 MB

Level 1

Staccato

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

02 CO_portato_short

Samples: 330

RAM: 20 MB

Level 1

Portato, short

5 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–118 f; 119–127 ff

2 Alternations

03 CO_portato_medium

Samples: 264

RAM: 16 MB

Level 2

Portato, medium

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

04 CO_portato_long_marc

Samples: 66

RAM: 4 MB

Level 2

Portato, long, marcato

1 velocity layer

Release samples

2 Alternations

11 CO_sus_Vib

Samples: 264

RAM: 16 MB

Level 1

Sustained, with vibrato

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

Release samples

12 CO_sus_Vib-progr

Samples: 264

RAM: 16 MB

Level 2

Sustained, with progressive vibrato

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

Release samples

13 CO_sus_noVib

Samples: 264

RAM: 16 MB

Level 1

Sustained, without vibrato

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

Release samples

**02 DYNAMICS****Range: E3–D6**

Single notes

Level 1: Fortepiano and sforzato, with vibrato**Level 2:** Medium dynamics with vibrato, 1.5/2/3/4 sec.

Strong dynamics without vibrato, 1.5/2/3/4 sec.

Crescendo-diminuendo with vibrato, 2/4/6 sec.

Crescendo-diminuendo without vibrato, 2/3/4/6 sec.

Sforzatissimo with vibrato

01 CO_dyn-me_Vib_1'5s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo with vibrato, 1.5 sec.

2 velocity layers: 0–88 p–mf/mf–p; 89–127 mf–f/f–mf

AB switch: crescendo/diminuendo

02 CO_dyn-me_Vib_2s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo with vibrato, 2 sec.

2 velocity layers: 0–88 p–mf/mf–p; 89–127 mf–f/f–mf

AB switch: crescendo/diminuendo

03 CO_dyn-me_Vib_3s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo with vibrato, 3 sec.

2 velocity layers: 0–88 p–mf/mf–p; 89–127 mf–f/f–mf

AB switch: crescendo/diminuendo

04 CO_dyn-me_Vib_4s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo with vibrato, 4 sec.

2 velocity layers: 0–88 p–mf/mf–p; 89–127 mf–f/f–mf

AB switch: crescendo/diminuendo

11 CO_dyn-str_noVib_1'5s**Samples: 34 RAM: 2 MB Level 2**

Strong crescendo and diminuendo without vibrato, 1.5 sec.

1 velocity layer

AB switch: crescendo/diminuendo

12 CO_dyn-str_noVib_2s**Samples: 34 RAM: 2 MB Level 2**

Strong crescendo and diminuendo without vibrato, 2 sec.

1 velocity layer

AB switch: crescendo/diminuendo

13 CO_dyn-str_noVib_3s**Samples: 34 RAM: 2 MB Level 2**

Strong crescendo and diminuendo without vibrato, 3 sec.

1 velocity layer

AB switch: crescendo/diminuendo

14 CO_dyn-str_noVib_4s**Samples: 34 RAM: 2 MB Level 2**

Strong crescendo and diminuendo without vibrato, 4 sec.

1 velocity layer

AB switch: crescendo/diminuendo

21 CO_pfp_Vib_2s**Samples: 34 RAM: 2 MB Level 2**

Crescendo-diminuendo with vibrato, 2 sec.

2 velocity layers: 0–88 p; 89–127 f

22 CO_pfp_Vib_4s Crescendo-diminuendo with vibrato, 4 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
23 CO_pfp_Vib_6s Crescendo-diminuendo with vibrato, 6 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
31 CO_pfp_noVib_2s Crescendo-diminuendo without vibrato, 2 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
32 CO_pfp_noVib_3s Crescendo-diminuendo without vibrato, 3 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
33 CO_pfp_noVib_4s Crescendo-diminuendo without vibrato, 4 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
34 CO_pfp_noVib_6s Crescendo-diminuendo without vibrato, 6 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
51 CO_fp_Vib Fortepiano, with vibrato 1 velocity layer	Samples: 33	RAM: 2 MB	Level 1
52 CO_sfz_Vib Sforzato, with vibrato 1 velocity layer	Samples: 33	RAM: 2 MB	Level 1
53 CO_sffz_Vib Sforzatissimo, with vibrato 1 velocity layer	Samples: 33	RAM: 2 MB	Level 2
03 FLATTER	Range: E3–C6		
Single notes Level 1: Flutter tonguing, normal and crescendo			
01 CO_flatter Flutter tonguing, forte 1 velocity layer Release samples	Samples: 62	RAM: 3 MB	Level 1
02 CO_flatter_cre Flutter tonguing, crescendo 1 velocity layer	Samples: 31	RAM: 1 MB	Level 1

**10 PERF INTERVAL****Range: E3–C6**

Interval performances

Level 1: Legato**Level 2:** Marcato

Portamento

01 CO_perf-legato**Samples: 842 RAM: 52 MB Level 1**

Legato

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

02 CO_perf-marcato**Samples: 842 RAM: 52 MB Level 2**

Marcato

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

03 CO_perf-portamento**Samples: 454 RAM: 28 MB Level 2**

Portamento

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

11 PERF INTERVAL FAST**Range: E3–D6**

Fast interval performances

Level 1: Legato**Level 2:** Marcato**01 CO_perf-legato_fa****Samples: 902 RAM: 56 MB Level 1**

Legato, fast

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

02 CO_perf-marcato_fa**Samples: 904 RAM: 56 MB Level 2**

Marcato, fast

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**12 PERF TRILL****Range: E3–D6**

Multi interval performances

Level 2: Trills, legato, minor to major 2nd**01 CO_perf-trill****Samples: 1482****RAM: 92 MB****Level 2**

Performance trills, legato, minor to major 2nd

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

13 PERF REPETITION**Range: E3–D6**

Repetition performances

Level 2: Legato

Portato

Staccato

Normal and dynamics

01 CO_perf-rep_leg**Samples: 255****RAM: 15 MB****Level 2**

Legato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

02 CO_perf-rep_por**Samples: 459****RAM: 28 MB****Level 2**

Portato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

03 CO_perf-rep_sta**Samples: 408****RAM: 25 MB****Level 2**

Staccato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

11 CO_perf-rep_dyn5_leg**Samples: 170****RAM: 10 MB****Level 2**

Legato dynamics, 5 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

12 CO_perf-rep_dyn9_por**Samples: 306****RAM: 19 MB****Level 2**

Portato dynamics, 9 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

13 CO_perf-rep_dyn9_sta**Samples: 306****RAM: 19 MB****Level 2**

Staccato dynamics, 9 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

14 FAST REPETITION**Range: E3–D6**

Fast repetitions

Level 2: Staccato, 120 to 180 BPM
Normal and dynamics

01 CO_fast-rep_120 (130/140/150/160/170/180)**Samples: 102 RAM: 6 MB Level 2**

Staccato, 9 repetitions, 120–180 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

Release samples

11 CO_fast-rep_120_dyn (130/140/150/160/170/180)**Samples: 34 RAM: 2 MB Level 2**

Staccato, 9 repetitions, 120–180 BPM, crescendo and diminuendo

1 velocity layer

AB switch: crescendo/diminuendo

15 UPBEAT REPETITION**Range: E3–D6**

Upbeat repetitions

Level 2: 1, 2, and 3 upbeats, 80–140, 160, 180, and 200 BPM

15 UPBEAT REPETITION/A Single Upbeat **Range: E3–D6****01 CO_UB-a1_80 (90/100/110/120/130/140/160/180/200)****Samples: 51 RAM: 3 MB Level 2**

1 upbeat, 80–140, 160, 180, and 200 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

15 UPBEAT REPETITION/B Double Upbeats **Range: E3–D6****01 CO_UB-a2_80 (90/100/110/120/130/140/160/180/200)****Samples: 51 RAM: 3 MB Level 2**

2 upbeats, 80–140, 160, 180, and 200 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

15 UPBEAT REPETITION/C Triple Upbeats **Range: E3–D6****01 CO_UB-a3_80 (90/100/110/120/130/140/160/180/200)****Samples: 51 RAM: 3 MB Level 2**

3 upbeats, 80–140, 160, 180, and 200 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

98 RESOURCES**Range: E3–D6**

Resources

Level 2: Isolated dynamics repetitions: Legato, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn**Range: E3–D6****01 CO_rep_cre5_leg-1 (2/3/4/5)**Samples: 17 RAM: 1 MB **Level 2**

Extracted repetition
Legato, crescendo, 1st to 5th note
1 velocity layer

01 CO_rep_dim5_leg-1 (2/3/4/5)Samples: 17 RAM: 1 MB **Level 2**

Extracted repetition
Legato, diminuendo, 1st to 5th note
1 velocity layer

02 CO_rep_cre9_por-1 (2/3/4/5/6/7/8/9)Samples: 17 RAM: 1 MB **Level 2**

Extracted repetition
Portato, crescendo, 1st to 9th note
1 velocity layer

02 CO_rep_dim9_por-1 (2/3/4/5/6/7/8/9)Samples: 17 RAM: 1 MB **Level 2**

Extracted repetition
Portato, diminuendo, 1st to 9th note
1 velocity layer

03 CO_rep_cre9_sta-1 (2/3/4/5/6/7/8/9)Samples: 17 RAM: 1 MB **Level 2**

Extracted repetition
Staccato, crescendo, 1st to 9th note
1 velocity layer

03 CO_rep_dim9_sta-1 (2/3/4/5/6/7/8/9)Samples: 17 RAM: 1 MB **Level 2**

Extracted repetition
Staccato, diminuendo, 1st to 9th note
1 velocity layer

98 RESOURCES/02 Long Notes - Single Layer**Range: E3–D6****01 CO_sus_p**Samples: 66 RAM: 4 MB **Level 2**

Sustained, piano
1 velocity layer
Release samples

02 CO_sus_mfSamples: 66 RAM: 4 MB **Level 2**

Sustained, mezzoforte
1 velocity layer
Release samples

03 CO_sus_f

Sustained, forte
1 velocity layer
Release samples

Samples: 66 **RAM: 4 MB** **Level 2**

04 CO_sus_ff

Sustained, fortissimo
1 velocity layer
Release samples

Samples: 66 **RAM: 4 MB** **Level 2**

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

Matrix - LEVEL 1

L1 CO Articulation Combi

Samples: 1149 RAM: 71 MB Level 1

Single note articulations

Staccato, portato short, sustained with and without vibrato, fortepiano and sforzato, flutter tonguing normal and crescendo

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	stac	sus vib.	fp	flutter
V2	port. short	sus no vib.	sfz	flutter cres.

L1 CO Perf-Legato Speed

Samples: 1030 RAM: 64 MB Level 1

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
legato	normal	fast

Matrix - LEVEL 2 A - Advanced

01 CO Perf-Universal

Samples: 2384 RAM: 149 MB Level 2

Interval performances

Legato normal and fast

Portamento

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

Vertical: Modwheel, 3 zones

	H1	H2
V1	legato normal	legato fast
V2	portamento	legato fast
V3	marcato normal	marcato fast

02 CO Perf-Trill Speed

Samples: 1610 RAM: 100 MB Level 2

Multi interval performances

Legato and trills

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
V1	legato	trills

03 CO Short+Long notes - All**Samples: 1386 RAM: 86 MB Level 2**

Single notes

Staccato

Portato short and medium

Sustained with normal, progressive, and without vibrato

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1
V1	staccato	port. short	port. med.	sus. vib.
V2	%	%	%	sus. prog. vib.
V3	%	%	%	sus. no vib.

Matrix - LEVEL 2 B - Standard**11 CO Perf-Legato Speed****Samples: 1030 RAM: 64 MB Level 2**

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
legato	normal	fast

12 CO Perf-Marcato Speed**Samples: 1032 RAM: 64 MB Level 2**

Interval performances

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
marcato	normal	fast

13 CO Dynamics - Small**Samples: 303 RAM: 18 MB Level 2**

Medium crescendo and diminuendo with vibrato, 2, 3, and 4 sec.

Fortepiano, sforzato, sforzatissimo with vibrato

Matrix switches: Horizontal: Keyswitches, C1–D1 Vertical: Modwheel, 4 zones

	C1	C#1	D1
dyn.med. vib.	2 sec.	3 sec.	4 sec.
fp	%	%	%
sfz	%	%	%
sffz	%	%	%

14 CO Dynamics - Large**Samples: 609 RAM: 38 MB Level 2**

Medium crescendo and diminuendo with vibrato, 1.5, 2, 3, and 4 sec.

Strong crescendo and diminuendo without vibrato, 1.5, 2, 3, and 4 sec.

Crescendo-diminuendo with vibrato, 2, 4, and 6 sec.

Fortepiano, sforzato, sforzatissimo with vibrato

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 4 zones

	C1	C#1	D1	D#1
dyn.med. vib.	1.5 sec.	2 sec.	3 sec.	4 sec.
dyn.str. no vib.	1.5 sec.	2 sec.	3 sec.	4 sec.
pfp vib.	2 sec.	4 sec.	6 sec.	6 sec.
fp/sfz vib.	fp	sfz	sffz	sffz

15 CO FlatterSamples: 93 RAM: 5 MB **Level 2**

Flutter tonguing

Normal, crescendo, and normal/crescendo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–D1

	C1	C#1	D1
flutter	normal	crescendo	Cell XF
V1	legato	portato	staccato

Matrix - LEVEL 2 C - Repetitions**31 CO Perf-Repetitions - Combi**Samples: 1122 RAM: 70 MB **Level 2**

Repetition performances

Legato, portato, staccato

Matrix switches: Horizontal: Keyswitches, C1–D1

	C1	C#1	D1
V1	legato	portato	staccato

32 CO Perf-Repetitions - SpeedSamples: 1122 RAM: 70 MB **Level 2**

Repetition performances

Legato, portato, staccato

Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	legato	portato	staccato

33 CO Fast-RepetitionsSamples: 408 RAM: 25 MB **Level 2**

Fast repetitions: Staccato, 120–180 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1

	C1	C#1	D1	D#1	E1	F1	F#1
speed/BPM	120	130	140	150	160	170	180

34 CO Upbeats a1Samples: 510 RAM: 31 MB **Level 2**

Repetitions: 1 upbeat, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
speed/BPM	80	90	100	110	120	130	140	160	180	200

35 CO Upbeats a2Samples: 510 RAM: 31 MB **Level 2**

Repetitions: 2 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
speed/BPM	80	90	100	110	120	130	140	160	180	200

36 CO Upbeats a3Samples: 510 RAM: 31 MB **Level 2**

Repetitions: 3 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
speed/BPM	80	90	100	110	120	130	140	160	180	200

37 CO Upbeats all**Samples: 1530 RAM: 95 MB Level 2**

Repetitions: 1–3 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
1 upbeat	80	90	100	110	120	130	140	160	180	200
2 upbeats	80	90	100	110	120	130	140	160	180	200
3 upbeats	80	90	100	110	120	130	140	160	180	200

Matrix - LEVEL 2 E - Keyswitch Vel**71 CO Legato - cre5****Samples: 85 RAM: 5 MB Level 2**

Legato notes: Crescendo, keyswitch velocity

Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

72 CO Portato - cre9**Samples: 153 RAM: 9 MB Level 2**

Portato notes: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

73 CO Staccato - cre9**Samples: 153 RAM: 9 MB Level 2**

Staccato notes: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 CO Combi - cre9**Samples: 306 RAM: 19 MB Level 2**

Portato and staccato: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

75 CO Legato - dim5**Samples: 85 RAM: 5 MB Level 2**

Legato notes: Diminuendo, keyswitch velocity

Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

76 CO Portato - dim9Samples: 153 RAM: 9 MB **Level 2**

Portato notes: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

77 CO Staccato - dim9Samples: 153 RAM: 9 MB **Level 2**

Staccato notes: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

78 CO Combi - dim9Samples: 306 RAM: 19 MB **Level 2**

Portato and staccato: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets**CO VSL Preset Level 1**Samples: 2113 RAM: 132 MB **Level 1**

L1 CO Perf-Legato Speed

L1 CO Articulation Combi

Preset keyswitches: C2–C#2

CO VSL Preset Level 2Samples: 5663 RAM: 353 MB **Level 2**

01 CO Perf-Universal

02 CO Perf-Trill Speed

L1 CO Articulation Combi

31 CO Perf-Repetitions - Combi

74 CO Combi - cre9

Preset keyswitches: C2–E2

56 Alto trombone

Patches

01 SHORT + LONG NOTES

Range: G2–E5



Single notes

Level 1: Staccato

Portato short

Sustained

Level 2: Portato medium

Portato long, marcato and soft

01 ATB_staccato

Samples: 256 RAM: 16 MB **Level 1**

Staccato

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

02 ATB_portato_short

Samples: 320 RAM: 20 MB **Level 1**

Portato, short

5 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–118 f; 119–127 ff

2 Alternations

03 ATB_portato_medium

Samples: 320 RAM: 20 MB **Level 2**

Portato, medium

5 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–118 f; 119–127 ff

2 Alternations

04 ATB_portato_long_marc

Samples: 192 RAM: 12 MB **Level 2**

Portato, long, marcato

3 velocity layers: 0–88 mf; 88–108 f; 109–127 ff

Release samples

05 ATB_portato_long_soft

Samples: 224 RAM: 14 MB **Level 2**

Portato, long, soft

3 velocity layers: 0–55 p; 56–108 mp; 109–127 f

Release samples

11 ATB_sus

Samples: 288 RAM: 18 MB **Level 1**

Sustained

5 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–118 f; 119–127 ff

Release samples

**02 DYNAMICS****Range: G2-D#5**

Single notes

Level 1: Fortepiano and sforzato**Level 2:** Medium dynamics, 1.5/2/3/4/6 sec.

Strong dynamics, 2/3/4/6 sec.

Crescendo-diminuendo, 2/3/4/6/8 sec.

Sforzatissimo

01 ATB_dyn-me_1'5s**Samples: 64 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 1.5 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

02 ATB_dyn-me_2s**Samples: 64 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 2 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

03 ATB_dyn-me_3s**Samples: 64 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 3 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

04 ATB_dyn-me_4s**Samples: 64 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 4 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

05 ATB_dyn-me_6s**Samples: 64 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 6 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

11 ATB_dyn-str_2s**Samples: 32 RAM: 2 MB Level 2**

Strong crescendo and diminuendo, 2 sec.

1 velocity layer

AB switch: crescendo/diminuendo

12 ATB_dyn-str_3s**Samples: 32 RAM: 2 MB Level 2**

Strong crescendo and diminuendo, 3 sec.

1 velocity layer

AB switch: crescendo/diminuendo

13 ATB_dyn-str_4s**Samples: 32 RAM: 2 MB Level 2**

Strong crescendo and diminuendo, 4 sec.

1 velocity layer

AB switch: crescendo/diminuendo

14 ATB_dyn-str_6s**Samples: 32 RAM: 2 MB Level 2**

Strong crescendo and diminuendo, 6 sec.

1 velocity layer

AB switch: crescendo/diminuendo

21 ATB_pfp_2s Crescendo-diminuendo, 2 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 32	RAM: 2 MB	Level 2	
22 ATB_pfp_3s Crescendo-diminuendo, 3 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 32	RAM: 2 MB	Level 2	
23 ATB_pfp_4s Crescendo-diminuendo, 4 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 32	RAM: 2 MB	Level 2	
24 ATB_pfp_6s Crescendo-diminuendo, 6 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 32	RAM: 2 MB	Level 2	
25 ATB_pfp_8s Crescendo-diminuendo, 8 sec. 1 velocity layer	Samples: 16	RAM: 1 MB	Level 2	
31 ATB_fp Fortepiano 1 velocity layer	Range: G2–E5	Samples: 32	RAM: 2 MB	Level 1
32 ATB_sfz Sforzato 1 velocity layer	Range: G2–E5	Samples: 32	RAM: 2 MB	Level 1
33 ATB_sffz Sforzatissimo 1 velocity layer	Range: G2–E5	Samples: 32	RAM: 2 MB	Level 2
03 FLATTER	Range: G2–E5			
Single notes Level 1: Flutter tonguing, normal and crescendo				
01 ATB_flatter Flutter tonguing, forte 1 velocity layer Release samples	Samples: 64	RAM: 4 MB	Level 1	
02 ATB_flatter_cre Flutter tonguing, crescendo 1 velocity layer	Samples: 32	RAM: 2 MB	Level 1	

**10 PERF INTERVAL****Range: G2–D#5**

Interval performances

Level 1: Legato**Level 2:** Marcato**01 ATB_perf-legato****Samples: 788 RAM: 49 MB Level 1**

Legato

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

02 ATB_perf-marcato**Samples: 788 RAM: 49 MB Level 2**

Marcato

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

11 PERF INTERVAL FAST**Range: G2–D#5**

Fast interval performances

Level 1: Legato**Level 2:** Marcato**01 ATB_perf-legato_fa****Samples: 844 RAM: 52 MB Level 1**

Legato, fast

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

02 ATB_perf-marcato_fa**Samples: 844 RAM: 52 MB Level 2**

Marcato, fast

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

12 PERF TRILL**Range: G2–D#5**

Multi interval performances

Level 2: Trills, legato, minor to major 2nd**01 ATB_perf-trill****Samples: 1388 RAM: 86 MB Level 2**

Performance trills, legato, minor to major 2nd

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**13 PERF REPETITION****Range: G2–D#5**

Repetition performances

Level 2: Legato

Portato

Staccato

Normal and dynamics

01 ATB_perf-rep_leg**Samples: 240 RAM: 15 MB Level 2**

Legato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

02 ATB_perf-rep_por**Samples: 432 RAM: 27 MB Level 2**

Portato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

03 ATB_perf-rep_sta**Samples: 384 RAM: 24 MB Level 2**

Staccato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

11 ATB_perf-rep_dyn5_leg**Samples: 160 RAM: 10 MB Level 2**

Legato dynamics, 5 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

12 ATB_perf-rep_dyn9_por**Samples: 288 RAM: 18 MB Level 2**

Portato dynamics, 9 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

13 ATB_perf-rep_dyn9_sta**Samples: 288 RAM: 18 MB Level 2**

Staccato dynamics, 9 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

**14 FAST REPETITION****Range: G2–D#5**

Fast repetitions

Level 2: Staccato, 120 to 180 BPM

Normal and dynamics

01 ATB_fast-rep_120 (130/140/150/160/170/180)**Samples: 96 RAM: 6 MB Level 2**

Staccato, 9 repetitions, 120–180 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

Release samples

11 ATB_fast-rep_120_dyn (130/140/150/160/170/180)**Samples: 32 RAM: 2 MB Level 2**

Staccato, 9 repetitions, 120–180 BPM, crescendo and diminuendo

1 velocity layer

AB switch: crescendo/diminuendo

15 UPBEAT REPETITION**Range: G2–D#5**

Upbeat repetitions

Level 2: 1, 2, and 3 upbeats, 80–140, 160, 180, and 200 BPM**15 UPBEAT REPETITION/A Single Upbeat****Range: G2–D#5****01 ATB_UB-a1_80 (90/100/110/120/130/140/160/180/200)****Samples: 48****RAM: 3 MB****Level 2**

1 upbeat, 80–140, 160, 180, and 200 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

15 UPBEAT REPETITION/B Double Upbeats**Range: G2–D#5****01 ATB_UB-a2_80 (90/100/110/120/130/140/160/180/200)****Samples: 48****RAM: 3 MB****Level 2**

2 upbeats, 80–140, 160, 180, and 200 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

15 UPBEAT REPETITION/C Triple Upbeats**Range: G2–D#5****01 ATB_UB-a3_80 (90/100/110/120/130/140/160/180/200)****Samples: 48****RAM: 3 MB****Level 2**

3 upbeats, 80–140, 160, 180, and 200 BPM

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

16 GLISSANDI

Interval performances/Phrases

Level 2: Performance glissandos, fast and slow, minor 2nd to diminished 5th

Fixed glissandos, fast and slow, minor 2nd/3rd to diminished 5th, up and down

Please note that fixed glissandos have different up and down ranges.

01 ATB_perf-gliss_fa**Range: G2–D#5****Samples: 936****RAM: 58 MB****Level 2**

Interval performances: Glissando, fast, minor 2nd to diminished 5th

2 velocity layers: 0–88 p; 89–127 f

Release samples

02 ATB_perf-gliss_sl**Range: G2–D#5****Samples: 770****RAM: 48 MB****Level 2**

Interval performances: Glissando, slow, minor 2nd to diminished 5th

2 velocity layers: 0–88 p; 89–127 f

Release samples

11 ATB_gliss-fa-1**Range: G2–D#5****Samples: 180****RAM: 11 MB****Level 2**

Glissando, fast, minor 2nd

2 velocity layers: 0–88 p; 89–127 f

Release samples

AB switch: up/down

12 ATB_gliss-fa-2 Glissando, fast, major 2nd 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 172 RAM: 10 MB Level 2
13 ATB_gliss-fa-3 Glissando, fast, minor 3rd 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 160 RAM: 10 MB Level 2
14 ATB_gliss-fa-4 Glissando, fast, major 3rd 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 144 RAM: 9 MB Level 2
15 ATB_gliss-fa-5 Glissando, fast, 4th 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 120 RAM: 7 MB Level 2
16 ATB_gliss-fa-6 Glissando, fast, diminished 5th 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 92 RAM: 5 MB Level 2
21 ATB_gliss-sl-3 Glissando, slow, minor 3rd 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 120 RAM: 7 MB Level 2
22 ATB_gliss-sl-4 Glissando, slow, major 3rd 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 112 RAM: 7 MB Level 2
23 ATB_gliss-sl-5 Glissando, slow, 4th 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 96 RAM: 6 MB Level 2
24 ATB_gliss-sl-6 Glissando, slow, diminished 5th 2 velocity layers: 0–88 p; 89–127 f Release samples AB switch: up/down	Range: G2–D#5 Samples: 88 RAM: 5 MB Level 2

98 RESOURCES

Resources

Level 2: Isolated dynamics repetitions: Legato, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn**Range: G2–D#5****01 ATB_rep_cre5_leg-1 (2/3/4/5)****Samples: 16 RAM: 1 MB Level 2**

Extracted repetition
Legato, crescendo, 1st to 5th note
1 velocity layer

01 ATB_rep_dim5_leg-1 (2/3/4/5)**Samples: 16 RAM: 1 MB Level 2**

Extracted repetition
Legato, diminuendo, 1st to 5th note
1 velocity layer

02 ATB_rep_cre9_por-1 (2/3/4/5/6/7/8/9)**Samples: 16 RAM: 1 MB Level 2**

Extracted repetition
Portato, crescendo, 1st to 9th note
1 velocity layer

02 ATB_rep_dim9_por-1 (2/3/4/5/6/7/8/9)**Samples: 16 RAM: 1 MB Level 2**

Extracted repetition
Portato, diminuendo, 1st to 9th note
1 velocity layer

03 ATB_rep_cre9_sta-1 (2/3/4/5/6/7/8/9)**Samples: 16 RAM: 1 MB Level 2**

Extracted repetition
Staccato, crescendo, 1st to 9th note
1 velocity layer

03 ATB_rep_dim9_sta-1 (2/3/4/5/6/7/8/9)**Samples: 16 RAM: 1 MB Level 2**

Extracted repetition
Staccato, diminuendo, 1st to 9th note
1 velocity layer

98 RESOURCES/02 Long Notes - Single Layer**Range: G2–E5****01 ATB_sus_p****Samples: 64 RAM: 4 MB Level 2**

Sustained, piano
1 velocity layer
Release samples

02 ATB_sus_mp**Samples: 64 RAM: 4 MB Level 2**

Sustained, mezzopiano
1 velocity layer
Release samples

03 ATB_sus_mf

Sustained, mezzoforte
1 velocity layer
Release samples

Samples: 64 **RAM: 4 MB** **Level 2**

04 ATB_sus_f

Sustained, forte
1 velocity layer
Release samples

Samples: 64 **RAM: 4 MB** **Level 2**

05 ATB_sus_ff

Sustained, fortissimo
1 velocity layer
Release samples

Samples: 64 **RAM: 4 MB** **Level 2**

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrixes

Matrix - LEVEL 1

L1 ATB Articulation Combi

Samples: 1024 RAM: 64 MB

Level 1

Single note articulations

Staccato, portato short, sustained, fortepiano and sforzato, flutter tonguing normal and crescendo

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	stac	sustained	fp	flutter
V2	port. short	sustained	sfz	flutter cres.

L1 ATB Perf-Legato Speed

Samples: 964 RAM: 60 MB

Level 1

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
	legato	normal
		fast

Matrix - LEVEL 2 A - Advanced

01 ATB Perf-Universal

Samples: 1864 RAM: 116 MB

Level 2

Interval performances

Legato normal and fast

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

Vertical: Modwheel, 2 zones

	H1	H2
V1	legato normal	legato fast
V2	marcato normal	marcato fast

02 ATB Perf-Trill Speed

Samples: 1508 RAM: 94 MB

Level 2

Multi interval performances

Legato and trills

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
V1	legato	trills

03 ATB Short+Long notes - AllSamples: 1408 RAM: 88 MB **Level 2**

Single notes

Staccato

Portato short and medium

Portato long, marcato and with soft attack

Sustained

Matrix switches: Horizontal: Keyswitches, C1–E1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1
V1	staccato	port. short	port. med.	port. med.	sustained
V2	%	%	%	port. long marcato	%
V3	%	%	%	port. long soft	%

Matrix - LEVEL 2 B - Standard**11 ATB Perf-Legato Speed**Samples: 964 RAM: 60 MB **Level 2**

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
legato	normal	fast

12 ATB Perf-Marcato SpeedSamples: 964 RAM: 60 MB **Level 2**

Interval performances

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
marcato	normal	fast

13 ATB Dynamics - SmallSamples: 288 RAM: 18 MB **Level 2**

Medium crescendo and diminuendo, 2, 3, and 4 sec.

Fortepiano, sforzato, sforzatissimo

Matrix switches: Horizontal: Keyswitches, C1–D1 Vertical: Modwheel, 4 zones

	C1	C#1	D1
dyn. medium	2 sec.	3 sec.	4 sec.
fp	%	%	%
sfz	%	%	%
sffz	%	%	%

14 ATB Dynamics - LargeSamples: 608 RAM: 38 MB **Level 2**

Medium and strong crescendo and diminuendo, 2, 3, 4, and 6 sec.

Crescendo-diminuendo, 2, 3, 4, and 6 sec.

Fortepiano, sforzato, sforzatissimo

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 4 zones

	C1	C#1	D1	D#1
dyn. medium	2 sec.	3 sec.	4 sec.	6 sec.
dyn. strong	2 sec.	3 sec.	4 sec.	6 sec.
pfp	2 sec.	3 sec.	4 sec.	6 sec.
fp/sfz	fp	sfz	sffz	sffz

15 ATB Flatter

Samples: 96 RAM: 6 MB Level 2

Flutter tonguing

Normal, crescendo, and normal/crescendo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1–D1

	C1	C#1	D1
flutter	normal	crescendo	Cell XF
V1	legato	portato	staccato

Matrix - LEVEL 2 C - Repetitions**31 ATB Perf-Repetitions - Combi**

Samples: 1056 RAM: 66 MB Level 2

Repetition performances

Legato, portato, staccato

Matrix switches: Horizontal: Keyswitches, C1–D1

	C1	C#1	D1
V1	legato	portato	staccato

32 ATB Perf-Repetitions - Speed

Samples: 1056 RAM: 66 MB Level 2

Repetition performances

Legato, portato, staccato

Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	legato	portato	staccato

33 ATB Fast-Repetitions

Samples: 384 RAM: 24 MB Level 2

Fast repetitions: Staccato, 120–180 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1

	C1	C#1	D1	D#1	E1	F1	F#1
speed/BPM	120	130	140	150	160	170	180

34 ATB Upbeats a1

Samples: 480 RAM: 30 MB Level 2

Repetitions: 1 upbeat, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
speed/BPM	80	90	100	110	120	130	140	160	180	200

35 ATB Upbeats a2

Samples: 480 RAM: 30 MB Level 2

Repetitions: 2 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
speed/BPM	80	90	100	110	120	130	140	160	180	200

36 ATB Upbeats a3

Samples: 480 RAM: 30 MB Level 2

Repetitions: 3 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
speed/BPM	80	90	100	110	120	130	140	160	180	200

37 ATB Upbeats all**Samples: 1440 RAM: 90 MB Level 2**

Repetitions: 1–3 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C1–A1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1	A1
1 upbeat	80	90	100	110	120	130	140	160	180	200
2 upbeats	80	90	100	110	120	130	140	160	180	200
3 upbeats	80	90	100	110	120	130	140	160	180	200

Matrix - LEVEL 2 E - Keyswitch Vel**71 ATB Legato - cre5****Samples: 80 RAM: 5 MB Level 2**

Legato notes: Crescendo, keyswitch velocity

Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

72 ATB Portato - cre9**Samples: 144 RAM: 9 MB Level 2**

Portato notes: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

73 ATB Staccato - cre9**Samples: 144 RAM: 9 MB Level 2**

Staccato notes: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 ATB Combi - cre9**Samples: 288 RAM: 18 MB Level 2**

Portato and staccato: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

75 ATB Legato - dim5**Samples: 80 RAM: 5 MB Level 2**

Legato notes: Diminuendo, keyswitch velocity

Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–E1

	C1	C#1	D1	D#1	E1
velocity	1st	2nd	3rd	4th	5th

76 ATB Portato - dim9

Samples: 144 RAM: 9 MB Level 2

Portato notes: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

77 ATB Staccato - dim9

Samples: 144 RAM: 9 MB Level 2

Staccato notes: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

78 ATB Combi - dim9

Samples: 288 RAM: 18 MB Level 2

Portato and staccato: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C1–G#1

Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets**ATB VSL Preset Level 1**

Samples: 1924 RAM: 120 MB Level 1

L1 ATB Perf-Legato Speed

L1 ATB Articulation Combi

Preset keyswitches: C2–C#2

ATB VSL Preset Level 2

Samples: 4888 RAM: 305 MB Level 2

01 ATB Perf-Universal

02 ATB Perf-Trill Speed

L1 ATB Articulation Combi

31 ATB Perf-Repetitions - Combi

74 ATB Combi - cre9

Preset keyswitches: C2–E2

59 Euphonium

Patches

01 SHORT + LONG NOTES

Range: D2–C5



Single notes

Level 1: Staccato

Portato short

Sustained

Level 2: Portato medium

Portato long, marcato and soft

01 EU_staccato

Samples: 198 RAM: 12 MB **Level 1**

Staccato

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

2 Alternations

02 EU_portato_short

Samples: 264 RAM: 16 MB **Level 1**

Portato, short

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

03 EU_portato_medium

Samples: 264 RAM: 16 MB **Level 2**

Portato, medium

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

04 EU_portato_long_soft

Samples: 162 RAM: 10 MB **Level 2**

Portato, long, soft

2 velocity layers: 0–88 mf; 89–127 f

Release samples

05 EU_portato_long_marc

Samples: 136 RAM: 8 MB **Level 2**

Portato, long, marcato

2 velocity layers: 0–88 p; 89–127 f

Release samples

11 EU_sus

Range: C1–C5 Samples: 384 RAM: 24 MB **Level 1**

Sustained

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

Release samples

**02 DYNAMICS****Range: D2-C5**

Single notes

Level 1: Fortepiano and sforzato**Level 2:** Medium dynamics, 1.5/2/3/5 sec.

Strong dynamics, 2/3/5 sec.

Crescendo-diminuendo, 2/3/4/6/8 sec.

Sforzatissimo

01 EU_dyn-me_1'5s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 1.5 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

01 EU_dyn-me_2s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 2 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

02 EU_dyn-me_3s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 3 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

03 EU_dyn-me_5s**Samples: 68 RAM: 4 MB Level 2**

Medium crescendo and diminuendo, 5 sec.

2 velocity layers: 0-88 p-mf/mf-p; 89-127 mf-f/f-mf

AB switch: crescendo/diminuendo

11 EU_dyn-str_2s**Samples: 34 RAM: 2 MB Level 2**

Strong crescendo and diminuendo, 2 sec.

1 velocity layer

AB switch: crescendo/diminuendo

12 EU_dyn-str_3s**Samples: 34 RAM: 2 MB Level 2**

Strong crescendo and diminuendo, 3 sec.

1 velocity layer

AB switch: crescendo/diminuendo

13 EU_dyn-str_5s**Samples: 34 RAM: 2 MB Level 2**

Strong crescendo and diminuendo, 5 sec.

1 velocity layer

AB switch: crescendo/diminuendo

21 EU_pfp_2s**Samples: 34 RAM: 2 MB Level 2**

Crescendo-diminuendo, 2 sec.

2 velocity layers: 0-88 p; 89-127 f

22 EU_pfp_3s**Samples: 34 RAM: 2 MB Level 2**

Crescendo-diminuendo, 3 sec.

2 velocity layers: 0-88 p; 89-127 f

23 EU_pfp_4s Crescendo-diminuendo, 4 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
24 EU_pfp_6s Crescendo-diminuendo, 6 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB	Level 2
25 EU_pfp_8s Crescendo-diminuendo, 8 sec. 1 velocity layer	Samples: 17	RAM: 1 MB	Level 2
31 EU_fp Fortepiano 1 velocity layer	Samples: 33	RAM: 2 MB	Level 1
32 EU_sfz Sforzato 1 velocity layer	Samples: 33	RAM: 2 MB	Level 1
33 EU_sffz Sforzatissimo 1 velocity layer	Samples: 33	RAM: 2 MB	Level 2
03 FLATTER	Range: D2–C5		
Single notes			
Level 1: Flutter tonguing, normal and crescendo			
01 EU_flatter Flutter tonguing, forte 1 velocity layer Release samples	Samples: 34	RAM: 2 MB	Level 1
02 EU_flatter_cre Flutter tonguing, crescendo 1 velocity layer	Samples: 17	RAM: 1 MB	Level 1
10 PERF INTERVAL	Range: D2–A#4		
Interval performances			
Level 1: Legato			
Level 2: Marcato			
01 EU_perf-legato Legato Monophonic 2 velocity layers: 0–88 p; 89–127 f Release samples	Samples: 794	RAM: 49 MB	Level 1

02 EU_perf-marcatoSamples: 794 RAM: 49 MB **Level 2**

Marcato

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**11 PERF INTERVAL FAST**

Range: D2–A#4

Fast interval performances

Level 1: Legato**Level 2:** Marcato**01 EU_perf-legato_fa**Samples: 854 RAM: 53 MB **Level 1**

Legato, fast

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**02 EU_perf-marcato_fa**Samples: 854 RAM: 53 MB **Level 2**

Marcato, fast

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**12 PERF TRILL**

Range: D2–A#4

Multi interval performances

Level 2: Trills, legato, minor to major 2nd**01 EU_perf-trill**Samples: 1418 RAM: 88 MB **Level 2**

Performance trills, legato, minor to major 2nd

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**13 PERF REPETITION**

Range: D2–C5

Repetition performances

Level 2: Legato

Portato

Staccato

Normal and dynamics

01 EU_perf-rep_legSamples: 170 RAM: 10 MB **Level 2**

Legato repetitions

2 velocity layers: 0–88 p; 89–127 f

02 EU_perf-rep_porSamples: 306 RAM: 19 MB **Level 2**

Portato repetitions

2 velocity layers: 0–88 p; 89–127 f

03 EU_perf-rep_stac Staccato repetitions 2 velocity layers: 0–88 p; 89–127 f	Samples: 306	RAM: 19 MB	Level 2
11 EU_perf-rep_dyn5_leg Legato dynamics, 5 repetitions 1 velocity layer AB switch: crescendo/diminuendo	Samples: 170	RAM: 10 MB	Level 2
12 EU_perf-rep_dyn9_por Portato dynamics, 9 repetitions 1 velocity layer AB switch: crescendo/diminuendo	Samples: 306	RAM: 19 MB	Level 2
13 EU_perf-rep_dyn9_stac Staccato dynamics, 9 repetitions 1 velocity layer AB switch: crescendo/diminuendo	Samples: 306	RAM: 19 MB	Level 2

14 FAST REPETITION Fast repetitions Level 2: Staccato, 120 to 180 BPM Normal and dynamics	Range: D2–C5	
01 EU_fast-rep_120 (130/140/150/160/170/180) Staccato, 9 repetitions, 120–180 BPM 2 velocity layers: 0–88 p; 89–127 f Release samples	Samples: 68	RAM: 4 MB

11 EU_fast-rep_120_dyn (130/140/150/160/170/180) Staccato, 9 repetitions, 120–180 BPM, crescendo and diminuendo 1 velocity layer AB switch: crescendo/diminuendo	Samples: 34	RAM: 2 MB	Level 2
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15 UPBEAT REPETITION Upbeat repetitions Level 2: 1, 2, and 3 upbeats, 80–140, 160, 180, and 200 BPM	Range: D2–C5	
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15 UPBEAT REPETITION/A Single Upbeat	Range: D2–C5	
01 EU_UB-a1_80 (90/100/110/120/130/140/160/180/200) 1 upbeat, 80–140, 160, 180, and 200 BPM 2 velocity layers: 0–88 p; 89–127 f	Samples: 34	RAM: 2 MB



15 UPBEAT REPETITION/B Double Upbeats Range: D2–C5

01 EU_UB-a2_80 (90/100/110/120/130/140/160/180/200)	Samples: 34	RAM: 2 MB	Level 2
2 upbeats, 80–140, 160, 180, and 200 BPM			
2 velocity layers: 0–88 p; 89–127 f			

15 UPBEAT REPETITION/C Triple Upbeats Range: D2–C5

01 EU_UB-a3_80 (90/100/110/120/130/140/160/180/200)	Samples: 34	RAM: 2 MB	Level 2
3 upbeats, 80–140, 160, 180, and 200 BPM			
2 velocity layers: 0–88 p; 89–127 f			

98 RESOURCES

Resources

Level 2: Isolated dynamics repetitions: Legato, portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn Range: D2–C5

01 EU_rep_cre5_leg-1 (2/3/4/5)	Samples: 17	RAM: 1 MB	Level 2
Extracted repetition			
Legato, crescendo, 1st to 5th note			
1 velocity layer			

01 EU_rep_dim5_leg-1 (2/3/4/5/6)	Samples: 17	RAM: 1 MB	Level 2
Extracted repetition			
Legato, diminuendo, 1st to 5th note			
1 velocity layer			

02 EU_rep_cre9_por-1 (2/3/4/5/6/7/8/9)	Samples: 17	RAM: 1 MB	Level 2
Extracted repetition			
Portato, crescendo, 1st to 9th note			
1 velocity layer			

02 EU_rep_dim9_por-1 (2/3/4/5/6/7/8/9)	Samples: 17	RAM: 1 MB	Level 2
Extracted repetition			
Portato, diminuendo, 1st to 9th note			
1 velocity layer			

03 EU_rep_cre9_sta-1 (2/3/4/5/6/7/8/9)	Samples: 17	RAM: 1 MB	Level 2
Extracted repetition			
Staccato, crescendo, 1st to 9th note			
1 velocity layer			

03 EU_rep_dim9_sta-1 (2/3/4/5/6/7/8/9)	Samples: 17	RAM: 1 MB	Level 2
Extracted repetition			
Staccato, diminuendo, 1st to 9th note			
1 velocity layer			

98 RESOURCES/02 Long Notes - Single Layer Range: C1–C5

01 EU_sus_p Sustained, piano 1 velocity layer Release samples	Samples: 96	RAM: 6 MB	Level 2
02 EU_sus_mf Sustained, mezzoforte 1 velocity layer Release samples	Samples: 96	RAM: 6 MB	Level 2
03 EU_sus_f Sustained, forte 1 velocity layer Release samples	Samples: 96	RAM: 6 MB	Level 2
04 EU_sus_ff Sustained, fortissimo 1 velocity layer Release samples	Samples: 96	RAM: 6 MB	Level 2

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrixes

Matrix - LEVEL 1

L1 EU Articulation Combi

Samples: 963 RAM: 60 MB Level 1

Single note articulations

Staccato, portato short, sustained, fortepiano and sforzato, flutter tonguing normal and crescendo

Matrix switches: Horizontal: Keyswitches, C6-D#6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6
V1	stac	sustained	fp	flutter
V2	port. short	sustained	sfz	flutter cres.

L1 EU Perf-Legato Speed

Samples: 974 RAM: 60 MB Level 1

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
	legato	normal
		fast

Matrix - LEVEL 2 A - Advanced

01 EU Perf-Universal

Samples: 1878 RAM: 117 MB Level 2

Interval performances

Legato normal and fast

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

Vertical: Modwheel, 2 zones

	H1	H2
V1	legato normal	legato fast
V2	marcato normal	marcato fast

02 EU Perf-Trill Speed

Samples: 1538 RAM: 96 MB Level 2

Multi interval performances

Legato and trills

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
V1	legato	trills

03 EU Short+Long notes - All**Samples: 1242 RAM: 77 MB Level 2**

Single notes

Staccato

Portato short and medium

Portato long, with soft attack and marcato

Sustained

Matrix switches: Horizontal: Keyswitches, C6–E6 Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6
V1	staccato	port. short	port. med.	port. long soft	sustained
V2	%	%	%	port. long marcato	%

Matrix - LEVEL 2 B - Standard**11 EU Perf-Legato Speed****Samples: 974 RAM: 60 MB Level 2**

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
legato	normal	fast

12 EU Perf-Marcato Speed**Samples: 974 RAM: 60 MB Level 2**

Interval performances

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
marcato	normal	fast

13 EU Dynamics - Small**Samples: 303 RAM: 18 MB Level 2**

Medium crescendo and diminuendo, 2, 3, and 5 sec.

Fortepiano, sforzato, sforzatissimo

Matrix switches: Horizontal: Keyswitches, C6–D6 Vertical: Modwheel, 4 zones

	C6	C#6	D6
dyn. medium	2 sec.	3 sec.	5 sec.
fp	%	%	%
sfz	%	%	%
sffz	%	%	%

14 EU Dynamics - Large**Samples: 609 RAM: 38 MB Level 2**

Medium crescendo and diminuendo, 1.5, 2, 3, and 5 sec.

Strong crescendo and diminuendo, 2, 3, 4, and 6 sec.

Crescendo-diminuendo with vibrato, 2, 3, 4, and 6 sec.

Fortepiano, sforzato, sforzatissimo

Matrix switches: Horizontal: Keyswitches, C6–D#6 Vertical: Modwheel, 4 zones

	C6	C#6	D6	D#6
dyn. medium	1.5 sec.	2 sec.	3 sec.	5 sec.
dyn. strong	2 sec.	2 sec.	3 sec.	5 sec.
pfp vib.	2 sec.	3 sec.	4 sec.	6 sec.
fp/sfz	fp	sfz	sffz	sffz

15 EU Flatter

Samples: 51 RAM: 3 MB Level 2

Flutter tonguing

Normal, crescendo, and normal/crescendo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C6–D6

	C6	C#6	D6
flutter	normal	crescendo	Cell XF
V1	legato	portato	staccato

Matrix - LEVEL 2 C - Repetitions**31 EU Perf-Repetitions - Combi**

Samples: 782 RAM: 48 MB Level 2

Repetition performances

Legato, portato, staccato

Matrix switches: Horizontal: Keyswitches, C6–D6

	C6	C#6	D6
V1	legato	portato	staccato

32 EU Perf-Repetitions - Speed

Samples: 782 RAM: 48 MB Level 2

Repetition performances

Legato, portato, staccato

Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	legato	portato	staccato

33 EU Fast-Repetitions

Samples: 272 RAM: 17 MB Level 2

Fast repetitions: Staccato, 120–180 BPM

Matrix switches: Horizontal: Keyswitches, C6–F#6

	C6	C#6	D6	D#6	E6	F6	F#6
speed/BPM	120	130	140	150	160	170	180

34 EU Upbeats a1

Samples: 340 RAM: 21 MB Level 2

Repetitions: 1 upbeat, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C6–A6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6
speed/BPM	80	90	100	110	120	130	140	160	180	200

35 EU Upbeats a2

Samples: 340 RAM: 21 MB Level 2

Repetitions: 2 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C6–A6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6
speed/BPM	80	90	100	110	120	130	140	160	180	200

36 EU Upbeats a3

Samples: 340 RAM: 21 MB Level 2

Repetitions: 3 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C6–A6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6
speed/BPM	80	90	100	110	120	130	140	160	180	200

37 EU Upbeats all**Samples: 1020 RAM: 63 MB Level 2**

Repetitions: 1–3 upbeats, 80–140, 160, 180, 200 BPM

Matrix switches: Horizontal: Keyswitches, C6–A6

Vertical: Modwheel, 3 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6	A6
1 upbeat	80	90	100	110	120	130	140	160	180	200
2 upbeats	80	90	100	110	120	130	140	160	180	200
3 upbeats	80	90	100	110	120	130	140	160	180	200

Matrix - LEVEL 2 E - Keyswitch Vel**71 EU Legato - cre5****Samples: 85 RAM: 5 MB Level 2**

Legato notes: Crescendo, keyswitch velocity

Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

72 EU Portato - cre9**Samples: 153 RAM: 9 MB Level 2**

Portato notes: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

73 EU Staccato - cre9**Samples: 153 RAM: 9 MB Level 2**

Staccato notes: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

74 EU Combi - cre9**Samples: 306 RAM: 19 MB Level 2**

Portato and staccato: Crescendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

75 EU Legato - dim5**Samples: 85 RAM: 5 MB Level 2**

Legato notes: Diminuendo, keyswitch velocity

Keyswitches control 5 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–E6

	C6	C#6	D6	D#6	E6
velocity	1st	2nd	3rd	4th	5th

76 EU Portato - dim9Samples: 153 RAM: 9 MB **Level 2**

Portato notes: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

77 EU Staccato - dim9Samples: 153 RAM: 9 MB **Level 2**

Staccato notes: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

78 EU Combi - dim9Samples: 306 RAM: 19 MB **Level 2**

Portato and staccato: Diminuendo, keyswitch velocity

Keyswitches control 9 dynamic steps

Matrix switches: Horizontal: Keyswitches, C6–G#6

Vertical: Modwheel, 2 zones

	C6	C#6	D6	D#6	E6	F6	F#6	G6	G#6
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets**EU VSL Preset Level 1**Samples: 1867 RAM: 116 MB **Level 1**

L1 EU Perf-Legato Speed

L1 EU Articulation Combi

Preset keyswitches: C7–C#7

EU VSL Preset Level 2Samples: 4603 RAM: 287 MB **Level 2**

01 EU Perf-Universal

02 EU Perf-Trill Speed

L1 EU Articulation Combi

31 EU Perf-Repetitions - Combi

74 EU Combi - cre9

Preset keyswitches: C7–E7

63 Trumpets - a6

Patches

01 SHORT + LONG NOTES

Range: F#3–C6



Single notes

Level 1: Staccato

Portato short

Sustained

Level 2: Portato medium

01 Tr-6_staccato

Samples: 174 RAM: 10 MB **Level 1**

Staccato

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

2 Alternations

02 Tr-6_portato_short

Samples: 120 RAM: 7 MB **Level 1**

Portato, short

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

03 Tr-6_portato_medium

Samples: 120 RAM: 7 MB **Level 2**

Portato, medium

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

2 Alternations

11 Tr-6_sus

Samples: 203 RAM: 12 MB **Level 1**

Sustained

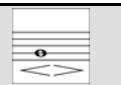
5 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–118 f; 119–127 blaring (ff)

Release samples

2 Alternations

02 DYNAMICS

Range: F#3–C6



Single notes

Level 1: Fortepiano and sforzato

Level 2: Medium dynamics, 1.5/2/3/4/5 sec.

Strong dynamics, 2/3/4/5 sec.

Crescendo-diminuendo, 2/3/4/6/8/10 sec.

Sforzatissimo

01 Tr-6_dyn-me_1'5s

Samples: 60 RAM: 3 MB **Level 2**

Medium crescendo and diminuendo, 1.5 sec.

2 velocity layers: 0–88 p-mf/mf-p; 89–127 mf-f/f-mf

AB switch: crescendo/diminuendo

02 Tr-6_dyn-me_2s Medium crescendo and diminuendo, 2 sec. 2 velocity layers: 0–88 p-mf/mf-p; 89–127 mf-f/f-mf AB switch: crescendo/diminuendo	Samples: 60	RAM: 3 MB	Level 2
03 Tr-6_dyn-me_3s Medium crescendo and diminuendo, 3 sec. 2 velocity layers: 0–88 p-mf/mf-p; 89–127 mf-f/f-mf AB switch: crescendo/diminuendo	Samples: 60	RAM: 3 MB	Level 2
04 Tr-6_dyn-me_4s Medium crescendo and diminuendo, 4 sec. 2 velocity layers: 0–88 p-mf/mf-p; 89–127 mf-f/f-mf AB switch: crescendo/diminuendo	Samples: 56	RAM: 3 MB	Level 2
05 Tr-6_dyn-me_5s Medium crescendo and diminuendo, 5 sec. 2 velocity layers: 0–88 p-mf/mf-p; 89–127 mf-f/f-mf AB switch: crescendo/diminuendo	Samples: 56	RAM: 3 MB	Level 2
11 Tr-6_dyn-str_2s Strong crescendo and diminuendo, 2 sec. 1 velocity layer AB switch: crescendo/diminuendo	Samples: 28	RAM: 1 MB	Level 2
12 Tr-6_dyn-str_3s Strong crescendo and diminuendo, 3 sec. 1 velocity layer AB switch: crescendo/diminuendo	Samples: 28	RAM: 1 MB	Level 2
13 Tr-6_dyn-str_4s Strong crescendo and diminuendo, 4 sec. 1 velocity layer AB switch: crescendo/diminuendo	Samples: 30	RAM: 1 MB	Level 2
14 Tr-6_dyn-str_5s Strong crescendo and diminuendo, 5 sec. 1 velocity layer AB switch: crescendo/diminuendo	Samples: 30	RAM: 1 MB	Level 2
21 Tr-6_pfp_2s Crescendo-diminuendo, 2 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 28	RAM: 1 MB	Level 2
22 Tr-6_pfp_3s Crescendo-diminuendo, 3 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 28	RAM: 1 MB	Level 2
23 Tr-6_pfp_4s Crescendo-diminuendo, 4 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 28	RAM: 1 MB	Level 2

24 Tr-6_pfp_6s Crescendo-diminuendo, 6 sec. 2 velocity layers: 0–88 p; 89–127 f	Samples: 28	RAM: 1 MB	Level 2
25 Tr-6_pfp_8s Crescendo-diminuendo, 8 sec. 1 velocity layer	Samples: 14	RAM: 1 MB	Level 2
26 Tr-6_pfp_10s Crescendo-diminuendo, 10 sec. 1 velocity layer	Samples: 14	RAM: 1 MB	Level 2
31 Tr-6_fp Fortepiano 1 velocity layer	Samples: 15	RAM: 1 MB	Level 1
32 Tr-6_sfz Sforzato 1 velocity layer	Samples: 15	RAM: 1 MB	Level 1
33 Tr-6_sffz Sforzatissimo 1 velocity layer	Samples: 15	RAM: 1 MB	Level 2
<hr/>			
03 FLATTER	Range: F#3–C6		
Single notes			
Level 1: Flutter tonguing, normal and crescendo			
01 Tr-6_flatter Flutter tonguing, forte 1 velocity layer Release samples	Samples: 28	RAM: 1 MB	Level 1
02 Tr-6_flatter_cre Flutter tonguing, crescendo 1 velocity layer	Samples: 14	RAM: 1 MB	Level 1
<hr/>			
10 PERF INTERVAL	Range: F#3–C6		
Interval performances			
Level 1: Legato			
Level 2: Marcato			
01 Tr-6_perf-legato Legato Monophonic 4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f Release samples	Samples: 726	RAM: 45 MB	Level 1

02 Tr-6_perf-marcatoSamples: 666 RAM: 41 MB **Level 2**

Marcato

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**11 PERF INTERVAL FAST**

Range: F#3–C6

Fast interval performances

Level 1: Legato**Level 2:** Marcato**01 Tr-6_perf-legato_fa**Samples: 748 RAM: 46 MB **Level 1**

Legato, fast

Monophonic

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

Release samples

**02 Tr-6_perf-marcato_fa**Samples: 698 RAM: 43 MB **Level 2**

Marcato, fast

Monophonic

2 velocity layers: 0–88 p; 89–127 f

Release samples

**12 PERF TRILL**

Range: F#3–C6

Multi interval performances

Level 2: Trills, legato, minor to major 2nd**01 Tr-6_perf-trill**Samples: 1286 RAM: 80 MB **Level 2**

Performance trills, legato, minor to major 2nd

Monophonic

4 velocity layers: 0–55 p; 56–88 mp; 89–108 mf; 109–127 f

Release samples

**13 PERF REPETITION**

Range: F#3–C6

Repetition performances

Level 2: Legato

Portato

Staccato

Portato and staccato dynamics

01 Tr-6_perf-rep_legSamples: 225 RAM: 14 MB **Level 2**

Legato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

**02 Tr-6_perf-rep_por**Samples: 405 RAM: 25 MB **Level 2**

Portato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

03 Tr-6_perf-rep_sta

Staccato repetitions

3 velocity layers: 0–55 p; 56–108 mf; 109–127 f

Samples: 344 RAM: 21 MB **Level 2****11 Tr-6_perf-rep_dyn9_por**

Portato dynamics, 9 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

Samples: 270 RAM: 16 MB **Level 2****12 Tr-6_perf-rep_dyn9_sta**

Staccato dynamics, 9 repetitions

1 velocity layer

AB switch: crescendo/diminuendo

Samples: 252 RAM: 15 MB **Level 2****14 FAST REPETITION**

Range: F#3–C6



Fast repetitions

Level 2: Staccato, 120 to 180 BPM

Normal and dynamics

01 Tr-6_fast-rep_120 (130/140/150/160/170/180)Samples: 58 RAM: 3 MB **Level 2**

Staccato, 9 repetitions, 120–180 BPM

2 velocity layers: 0–88 p; 89–127 f

Release samples

11 Tr-6_fast-rep_120_dyn (130/140/150/160/170/180)Samples: 28 RAM: 1 MB **Level 2**

Staccato, 9 repetitions, 120–180 BPM, crescendo and diminuendo

1 velocity layer

AB switch: crescendo/diminuendo

15 UPBEAT REPETITION

Range: F#3–C6



Upbeat repetitions

Level 2: 1, 2, and 3 upbeats, 80–140, 160, and 180 BPM**15 UPBEAT REPETITION/A Single Upbeat**

Range: F#3–C6

**01 Tr-6_UB-a1_80 (90/100/110/120/130/140/160/180)**Samples: 28 RAM: 1 MB **Level 2**

1 upbeat, 80–140, 160, and 180 BPM

2 velocity layers: 0–88 mp; 89–127 f

15 UPBEAT REPETITION/B Double Upbeats

Range: F#3–C6

**01 Tr-6_UB-a2_80 (90/100/110/120/130/140/160/180)**Samples: 28 RAM: 1 MB **Level 2**

2 upbeats, 80–140, 160, and 180 BPM

2 velocity layers: 0–88 mp; 89–127 f


15 UPBEAT REPETITION/C Triple Upbeats Range: F#3–C6

01 Tr-6_UB-a3_80 (90/100/110/120/130/140/160/180)	Samples: 28	RAM: 1 MB	Level 2
3 upbeats, 80–140, 160, and 180 BPM			
2 velocity layers: 0–88 p; 89–127 f			

98 RESOURCES

Resources

Level 2: Isolated dynamics repetitions: Portato, staccato
Single layer long notes

98 RESOURCES/01 Perf Rep dyn Range: F#3–C6

02 Tr-6_rep_cre9_por-1 (2/3/4/5/6/7/8/9)	Samples: 15	RAM: 1 MB	Level 2
Extracted repetition			
Portato, crescendo, 1st to 9th note			
1 velocity layer			

02 Tr-6_rep_dim9_por-1 (2/3/4/5/6/7/8/9)	Samples: 15	RAM: 1 MB	Level 2
Extracted repetition			
Portato, diminuendo, 1st to 9th note			
1 velocity layer			

03 Tr-6_rep_cre9_sta-1 (2/3/4/5/6/7/8/9)	Samples: 14	RAM: 1 MB	Level 2
Extracted repetition			
Staccato, crescendo, 1st to 9th note			
1 velocity layer			

03 Tr-6_rep_dim9_sta-1 (2/3/4/5/6/7/8/9)	Samples: 14	RAM: 1 MB	Level 2
Extracted repetition			
Staccato, diminuendo, 1st to 9th note			
1 velocity layer			

98 RESOURCES/02 Long Notes - Single Layer Range: F#3–C6

01 Tr-6_sus_p	Samples: 45	RAM: 2 MB	Level 2
Sustained, piano			
1 velocity layer			
Release samples			

02 Tr-6_sus_mp	Samples: 45	RAM: 2 MB	Level 2
Sustained, mezzopiano			
1 velocity layer			
Release samples			

03 Tr-6_sus_mf Sustained, mezzoforte 1 velocity layer Release samples 2 Alternations	Samples: 45	RAM: 2 MB	Level 2
04 Tr-6_sus_f Sustained, forte 1 velocity layer Release samples 2 Alternations	Samples: 45	RAM: 2 MB	Level 2
05 Tr-6_sus_ff Sustained, fortissimo 1 velocity layer Release samples	Samples: 29	RAM: 1 MB	Level 2

99 RELEASE

This section contains release samples for various patches of the other sections. Please do not try to load them into a Vienna Instruments matrix – you will not be able to hear anything when you try to play them.

Matrices

Matrix - LEVEL 1

L1 Tr-6 Articulation Combi

Samples: 569 RAM: 35 MB Level 1

Single note articulations

Staccato, portato short, sustained, fortepiano and sforzato, flutter tonguing normal and crescendo

Matrix switches: Horizontal: Keyswitches, C1–D#1 Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1
V1	stac	sustained	fp	flutter
V2	port. short	sustained	sfz	flutter cres.

L1 Tr-6 Perf-Legato Speed

Samples: 888 RAM: 55 MB Level 1

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
	legato	normal
		fast

Matrix - LEVEL 2 A - Advanced

01 Tr-6 Perf-Universal

Samples: 1660 RAM: 103 MB Level 2

Interval performances

Legato normal and fast

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

Vertical: Modwheel, 2 zones

	H1	H2
V1	legato normal	legato fast
V2	marcato normal	marcato fast

02 Tr-6 Perf-Trill Speed

Samples: 1398 RAM: 87 MB Level 2

Multi interval performances

Legato and trills

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
V1	legato	trills

03 Tr-6 Short+Long notes - All

Samples: 617 RAM: 38 MB Level 2

Single notes

Staccato

Portato short and medium

Sustained

Matrix switches: Horizontal: Keyswitches, C1–D#1

	C1	C#1	D1	D#1
V1	staccato	port. short	port. med.	sustained

Matrix - LEVEL 2 B - Standard**11 Tr-6 Perf-Legato Speed**

Samples: 888 RAM: 55 MB Level 2

Interval performances

Legato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
legato	normal	fast
	H1	H2

12 Tr-6 Perf-Marcato Speed

Samples: 830 RAM: 51 MB Level 2

Interval performances

Marcato normal and fast

Speed controller

Matrix switches: Horizontal: Speed, 2 zones

	H1	H2
marcato	normal	fast
	H1	H2

13 Tr-6 Dynamics - Small

Samples: 221 RAM: 13 MB Level 2

Medium crescendo and diminuendo, 2, 3, and 4 sec.

Fortepiano, sforzato, sforzatissimo

Matrix switches: Horizontal: Keyswitches, C1-D1 Vertical: Modwheel, 4 zones

	C1	C#1	D1
dyn. medium	2 sec.	3 sec.	4 sec.
fp	%	%	%
sfz	%	%	%
sffz	%	%	%

14 Tr-6 Dynamics - Large

Samples: 505 RAM: 31 MB Level 2

Medium and strong crescendo and diminuendo, 2, 3, 4, and 5 sec.

Crescendo-diminuendo, 2, 3, 4, and 6 sec.

Fortepiano, sforzato, sforzatissimo

Matrix switches: Horizontal: Keyswitches, C1-D#1 Vertical: Modwheel, 4 zones

	C1	C#1	D1	D#1
dyn. medium	2 sec.	3 sec.	4 sec.	5 sec.
dyn. strong	2 sec.	3 sec.	4 sec.	5 sec.
pfp	2 sec.	3 sec.	4 sec.	6 sec.
fp/sfz	fp	sfz	sffz	sffz

15 Tr-6 Flatter

Samples: 42 RAM: 2 MB Level 2

Flutter tonguing

Normal, crescendo, and normal/crescendo with Cell crossfading

Matrix switches: Horizontal: Keyswitches, C1-D1

	C1	C#1	D1
flutter	normal	crescendo	Cell XF
	C1	C#1	D1

Matrix - LEVEL 2 C - Repetitions**31 Tr-6 Perf-Repetitions - Combi**

Samples: 974 RAM: 60 MB Level 2

Repetition performances

Legato, portato, staccato

Matrix switches: Horizontal: Keyswitches, C1–D1

	C1	C#1	D1
V1	legato	portato	staccato

32 Tr-6 Perf-Repetitions - Speed

Samples: 974 RAM: 60 MB Level 2

Repetition performances

Legato, portato, staccato

Speed controller

Matrix switches: Horizontal: Speed, 3 zones

	H1	H2	H3
V1	legato	portato	staccato

33 Tr-6 Fast-Repetitions

Samples: 224 RAM: 14 MB Level 2

Fast repetitions: Staccato, 120–180 BPM

Matrix switches: Horizontal: Keyswitches, C1–F#1

	C1	C#1	D1	D#1	E1	F1	F#1
speed/BPM	120	130	140	150	160	170	180

34 Tr-6 Upbeats a1

Samples: 250 RAM: 15 MB Level 2

Repetitions: 1 upbeat, 80–140, 160, 180 BPM

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
speed/BPM	80	90	100	110	120	130	140	160	180

35 Tr-6 Upbeats a2

Samples: 250 RAM: 15 MB Level 2

Repetitions: 2 upbeats, 80–140, 160, 180 BPM

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
speed/BPM	80	90	100	110	120	130	140	160	180

36 Tr-6 Upbeats a3

Samples: 252 RAM: 15 MB Level 2

Repetitions: 3 upbeats, 80–140, 160, 180 BPM

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
speed/BPM	80	90	100	110	120	130	140	160	180

37 Tr-6 Upbeats all

Samples: 752 RAM: 47 MB Level 2

Repetitions: 1–3 upbeats, 80–140, 160, 180 BPM

Matrix switches: Horizontal: Keyswitches, C1–G#1 Vertical: Modwheel, 3 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
1 upbeat	80	90	100	110	120	130	140	160	180
2 upbeats	80	90	100	110	120	130	140	160	180
3 upbeats	80	90	100	110	120	130	140	160	180

Matrix - LEVEL 2 E - Keyswitch Vel**71 Tr-6 Portato - cre9**

Portato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Samples: 135 RAM: 8 MB Level 2

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

72 Tr-6 Staccato - cre9

Staccato notes: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Samples: 126 RAM: 7 MB Level 2

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

73 Tr-6 Combi - cre9

Portato and staccato: Crescendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Samples: 261 RAM: 16 MB Level 2

Matrix switches: Horizontal: Keyswitches, C1–G#1

Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

74 Tr-6 Portato - dim9

Portato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Samples: 135 RAM: 8 MB Level 2

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

75 Tr-6 Staccato - dim9

Staccato notes: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Samples: 126 RAM: 7 MB Level 2

Matrix switches: Horizontal: Keyswitches, C1–G#1

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
velocity	1st	2nd	3rd	4th	5th	6th	7th	8th	9th

76 Tr-6 Combi - dim9

Portato and staccato: Diminuendo, keyswitch velocity
Keyswitches control 9 dynamic steps

Samples: 261 RAM: 16 MB Level 2

Matrix switches: Horizontal: Keyswitches, C1–G#1

Vertical: Modwheel, 2 zones

	C1	C#1	D1	D#1	E1	F1	F#1	G1	G#1
portato	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
staccato	1st	%	%	%	%	%	%	%	%

Presets

Tr-6 VSL Preset Level 1

L1 Tr-6 Perf-Legato Speed
L1 Tr-6 Articulation Combi
Preset keyswitches: C2–C#2

Samples: 1283 RAM: 80 MB **Level 1**

Tr-6 VSL Preset Level 2

01 Tr-6 Perf-Universal
02 Tr-6 Perf-Trill Speed
L1 Tr-6 Articulation Combi
31 Tr-6 Perf-Repetitions - Combi
73 Tr-6 Combi - cre9
Preset keyswitches: C2–E2

Samples: 3962 RAM: 247 MB **Level 2**